

limits, the pay quantity will be determined by computation using plan dimensions and adding 25% for shrinkage.

3. **Foundation Fill.** This item will be measured by the Cubic Yard in place. The measured volume will be increased by 25% to allow for shrinkage and to obtain the pay quantity.

## **210.05 BASIS OF PAYMENT.**

Payment will be made at the Contract Unit Price for the following:

<b>Pay Item</b>	<b>Pay Unit</b>
Channel Excavation	Lump Sum, Cubic Yard
Class 1 Excavation	Lump Sum, Cubic Yard
Class 2 Excavation	Lump Sum, Cubic Yard
Foundation Preparation	Each
Foundation Fill	Cubic Yard
Select Backfill	Cubic Yard

This payment will be full compensation for all labor, equipment, and materials necessary to complete the work.

## **SECTION 216 WATER**

### **216.01 DESCRIPTION.**

This item consists of applying water to materials being incorporated into construction of items covered by the Contract.

Provisions of this Specification shall not apply to Portland Cement mixing water or for watering seeded or sodded areas.

### **216.02 MATERIALS.**

Water shall be furnished by the Contractor and shall be free of any material which impedes its flow through the spraying device.

### **216.03 EQUIPMENT.**

Equipment shall meet Section 151.03 A. Hauling units shall not exceed their licensed legal weight limits.

### **216.04 CONSTRUCTION REQUIREMENTS.**

Water shall be applied to the embankment, to construction materials on the roadbed, to haul roads, and to plant sites in sufficient quantity to secure and maintain proper moisture content or dust control.

**216.05 METHOD OF MEASUREMENT.**

Water will be measured in units of “M” Gallons (1,000 gallons). Water may be measured in calibrated tanks, by weighing and converting to gallons at the rate of 8.34 pounds per gallon, or by an approved metering device placed in the supply line. The metering device shall be calibrated before use on the Project.

**216.06 BASIS OF PAYMENT.**

Payment will be made at the Contract Unit Price for the following:

<b>Pay Item</b>	<b>Pay Unit</b>
Water	M. Gallons

This payment will be full compensation for all labor, equipment, and materials necessary to complete the work.

## **SECTION 230**

### **RESHAPING ROADWAY AND SUBGRADE PREPARATION**

**230.01 DESCRIPTION.**

This work consists of scarifying, shaping, compacting, and maintaining the subgrade, or reshaping an existing roadway before constructing a base, or surface course.

**230.02 CONSTRUCTION REQUIREMENTS.****A. Reshaping Roadway, Shoulders, and Inslopes.**

1. **Reshaping Roadway.** All sod shall be removed from that portion of the existing roadbed and slopes between the shoulder lines of the completed roadbed. The roadway, ditches, and slopes shall be reshaped to an elevation and cross section that meets the typical section shown on the Plan.

All soft and spongy material, rocks larger than 4 inches, roots and other foreign matter brought to the surface shall be removed and disposed of under Section 203.02 D. All holes and depressions shall be filled and compacted with approved material.

The subgrade shall be smooth, moistened or dried as necessary, and compacted as specified. Any defects in the subgrade shall be corrected according to these Specifications.

2. **Shoulder Preparation.** When included as a separate bid item, “Shoulder Preparation” consists of preparing the existing shoulders to receive a base or